

16. PRESENCE OF VOCAL SACS IN A FEMALE SKIPPER
FROG *RANA CYANOPHLYCTIS* SCHNEIDER

Vocal sacs and nuptial pads are the best known secondary sexual characters of the male among frogs. In *R. cyanophlyctis* the vocal sacs balloon out through slits on the chin. While examining the Society's collection of over 200 specimens of this species, a female obtained by P. B. Shekar and P. W. Soman in July 1962 at Koyna Nagar, Satara Dt., Maharashtra, was seen to have fully developed vocal sacs on both sides of the chin. The ovaries were ripe though slightly reduced on the left side. The lungs were unusually small. The specimen measures 60 mm. in snout to vent length.

I am not aware of this abnormality being noticed in this species before.

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17. *THALAMITA POISSONII* (AUDOUIN & SAVIGNY)
DE MAN, (CRUSTACEA: BRACHYURA), A NEW
RECORD TO INDIAN COASTS

(With two text-figures)

In April, 1968, I collected 22 specimens of the crab, *Thalamita poissonii* (Audouin & Savigny) De Man (Fig. 1), from the sublittoral fringe of the Adatra Reef on south-western coast of Port Okha (22° 27'N, 69° 46'E) in the Gulf of Kutch. Of the specimens collected, 11 were males.

The largest male measured:

Length of Carapace	.. 23 mm.
Breadth of Carapace	.. 38 mm.
Width of the inter-orbital space	.. 20 mm.
Greatest diameter of the orbit	.. 4 mm.

Alcock (1899) reports that the specimens of this species in the Indian Museum, collected from the Persian Gulf, had the propodite

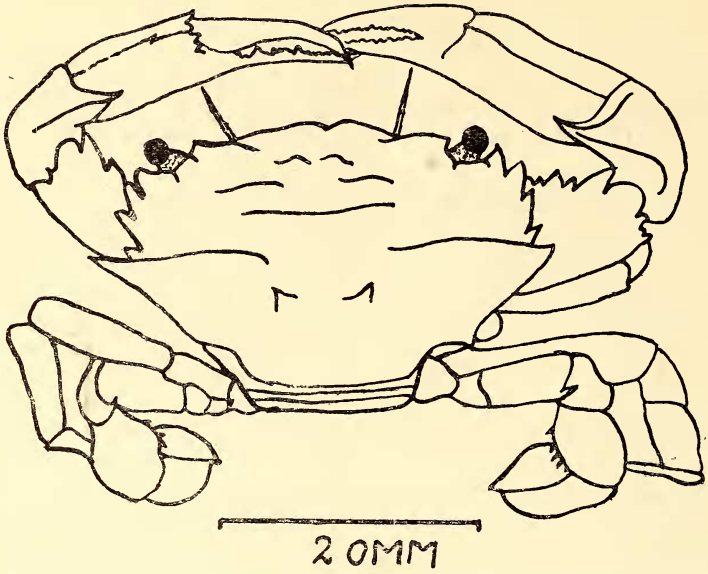


Fig. 1. *Thalassidroma poissonii* (Audouin & Savigny) De Man, Male.

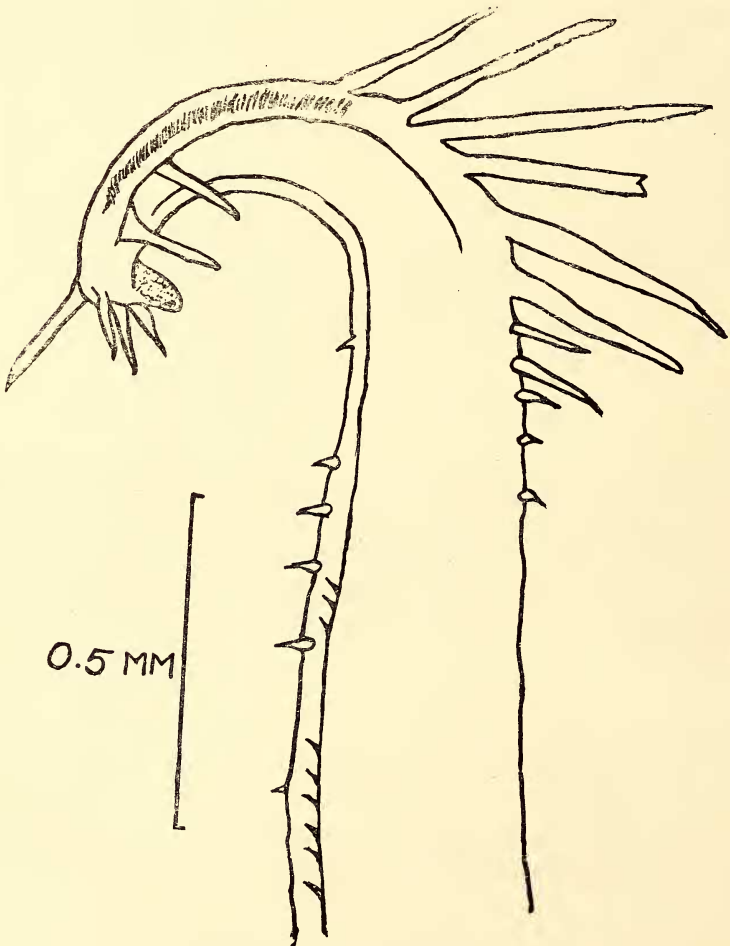


Fig. 2. Tip of 1st Male Pleopod

of the last pair of legs armed with 2 or 3 small spinules. The present specimens have 3 to 7 spinules.

The tip of the first male pleopode, is strongly recurved. The armature on the proximal part of the appendage consists of 11 to 15 long and short spines towards the outer side, and 15 spinules, on the inner side. The terminal armature is of 4 spines towards the outer side and 2 to 3 spines on the sides of the appendage.

The distribution of *Thalamita poissonii* (Audouin & Savigny) De Man is reported to be Madagascar, Red Sea and Suez, Laccadive Islands, Ceylon and Marshal Island. The present report on the occurrence of this species in the Gulf of Kutch extends its distribution to the Indian coast also.

ACKNOWLEDGEMENTS

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REFERENCE

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The Brachyura Cyclometopa. Part II. A revision of the Cyclometopa, with an

18. SOME OBSERVATIONS ON THE MILLIPEDE, *PHYLLO-GONOSTREPTUS NIGROLABIATUS* (NEWPORT 1844) (DIPLOPODA, MYRIAPODA), FROM POONA

The millipede *P. nigrolabiatus* was reared in the laboratory for certain histochemical investigations. Some very interesting observations were recorded on the captive specimens in the laboratory and on specimens in their natural habitat. These observations add information to the known data and are presented here.

MATERIAL

The millipedes are very common in the vicinity of Parvati hills, Poona, in an uncultivated area between the right bank of the Mutha canal